

In the Claims:

Please amend the claims as follows:

1. (Currently Amended) A ~~computer implemented~~ method in an electronic document distribution system for routing broadcasting packets from a sending router to a receiving router comprising:

stripping a payload from a broadcasting packet at the receiving router, wherein said broadcasting packets have identical payloads and different headers;

~~means for temporarily storing a broadcasting~~ the stripped payload of a the broadcasting packet ~~inside a local to the receiving broadcasting router;~~

~~means for temporarily stripping the broadcasting payload from the broadcasting packet at the receiving router;~~

~~means for transmitting a header~~ information for each of a ~~plurality of~~ the broadcasting packets from the sending router to the receiving router, ~~wherein said packets have different headers and identical payloads; and~~

~~means for attaching the broadcasting payload stored in local to the receiving router to the~~ each header information arriving at the receiving router separately from the broadcasting payload.

2. (Currently Amended) The ~~system~~ method of claim 1 further comprising ~~means in the document distribution system for reducing the broadcasting payload of the broadcasting packet to a coded header~~ information.

3. (Currently Amended) The ~~system~~ method of claim 2 further comprising:

~~means for~~ receiving the header of the broadcasting packet and patching the broadcasting payload that corresponds to the header from storage; and

~~means for~~ relaying the broadcasting payload to a destination router according to its address.

4. (Currently Amended) The method ~~system~~ of claim 3 wherein said document distribution system is an electronic mail distribution system associated with electronic mail sources.

5. (Currently Amended) The ~~communication network~~ method of claim 3 wherein:

said communication network is a distributed network;
said broadcasting payloads are digitized packets; and
said network distribution system is a network server system.

6. (Currently Amended) ~~In a communication network with user access via a plurality of data processor controlled interactive display terminals~~ A system for sending and receiving broadcasting packets; ~~a method of distributing transmitted electronic documents routing broadcasting packets from a sending router to a receiving router comprising:~~

a manager to strip a payload from a broadcasting packet at a receiving router, wherein all broadcasting packets have identical payloads and different headers;

~~temporarily~~ said manager to storing a broadcasting store said payload inside local to the receiving ~~broadcasting~~ router;

~~stripping the broadcasting payload temporarily from a broadcasting packet;~~

a sending router to transmit transmitting headers header information for each of a plurality of the broadcasting packets ~~from the sending router~~ to the receiving router; ~~wherein said packets have different headers and identical payloads; and~~

said manager to attach attaching the broadcasting payload stored in local to the receiving router to ~~the~~ each header information arriving at the receiving router separately from the broadcasting payload.

7. (Currently Amended) The ~~method of distributing electronic documents~~ system of claim 6 further including the step of reducing the broadcasting payload of the broadcasting packet to a header of the broadcasting packet.

8. (Currently Amended) The ~~method of distributing electronic documents~~ system of claim 7 further comprising:

receiving the header of the broadcasting packet and patching the broadcasting payload that corresponds to the header from storage; and

relaying the broadcasting payload to a destination router according to its address to form the full broadcasting packet.

9. (Currently Amended) The ~~method of distributing electronic documents~~ system of claim 8 wherein said document distribution system is an electronic mail distribution system associated with electronic mail sources.

10. (Currently Amended) The ~~method of distributing electronic documents~~ system of claim 8 wherein:

said communication network is a distributed network; said broadcasting payloads are digitized packets; and

said network distribution system is a network server system.

11. (Currently Amended) An article comprising ~~A a computer readable storage medium including computer readable instructions, said instructions storing a computer program which when executed performs the implementation for distributing electronic documents in a communication network with user access via a plurality of data processor controlled interactive display terminals for sending and receiving broadcasting packets, said program for routing broadcasting packets from a sending router to a receiving router comprising:~~

means for stripping a payload from a broadcasting packet at a receiving router, wherein all broadcasting packets have identical payloads and different headers;

means for ~~temporarily~~ storing ~~a broadcasting~~ the payload ~~inside~~ local to the receiving ~~broadcasting~~ router;

~~means for temporarily stripping the broadcasting payload from a broadcasting packet;~~

means for transmitting headers for each of a plurality of the broadcasting packets from ~~the a~~ sending router to the receiving router, ~~wherein said packets have different headers and identical payloads;~~ and

means for attaching the broadcasting payload stored ~~in~~ local to the receiving router to ~~the~~ each header arriving at the receiving router separately from the broadcasting payload.

12. (Currently Amended) The article ~~computer readable medium~~ of claim 11 further comprising means in the document distribution system for reducing the broadcasting payload of the broadcasting packet to a header of the broadcasting packet.

13. (Currently Amended) The article ~~computer readable medium~~ of claim 12 further comprising:
means for receiving the header and patching the broadcasting payload that corresponds to the header from storage; and

means for relaying the broadcasting payload to a destination router according to its address to form the full broadcasting packet.

14. (Currently Amended) The article ~~computer readable medium~~ of claim 13 wherein said document distribution system is an electronic mail distribution system associated with electronic mail sources.

15. (Currently Amended) The article ~~computer readable medium~~ of claim 13 wherein:

said communication network is a distributed network; said broadcasting payloads are digitized packets; and

said network distribution system is a network server system.